282104-3 ✔ ACTIVE

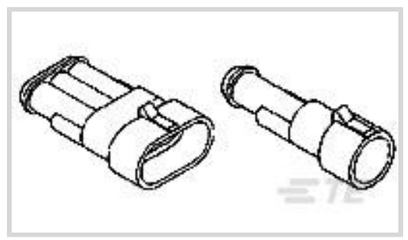
AMP | AMP Superseal 1.5mm Series

TE Internal #: 282104-3

Housing for Female Terminals, Wire-to-Device / Wire-to-Board / Wire-to-Wire, 2 Position, .236 in [6 mm] Centerline, AMP Superseal 1.5mm Series

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Number of Positions: **2**

Connector & Housing Type: **Housing for Female Terminals**

Centerline (Pitch): **6 mm [.236 in]**

Sealable: **Yes**

All AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING (27)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Green

Connector & Keying Code	Neutral

Contact Features

Contact Size	1.5mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]
Contact Current Rating (Max)	14 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarizing Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	6 mm[.236 in]

Dimensions

Connector Height	42 mm[1.654 in]
Product Width	13.8 mm[.543 in]
Product Length	19.8 mm[.78 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Degree of Protection	IP67

Packaging Features

Packaging Quantity	1500
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

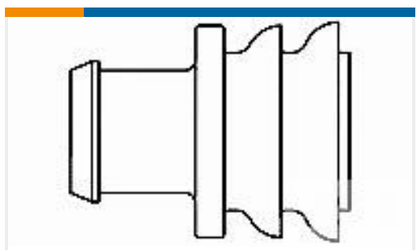
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

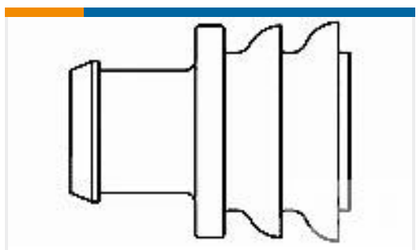
Compatible Parts



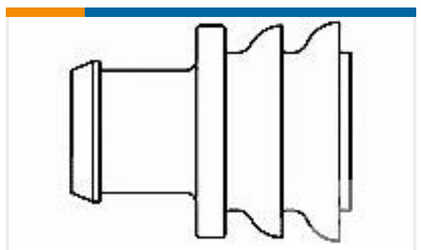
TE Part # CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



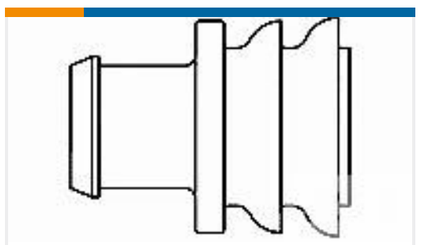
TE Part # 281934-3
SINGLE WIRE SEAL



TE Part # 282081-1
RUBBER PLUG



TE Part # 281934-2
SINGLE WIRE SEAL



TE Part # 281934-4
SINGLE WIRE SEAL



TE Part # CAT-AM71-T273
AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB

TE Part # 2452133-1
EXTRACTION TOOL

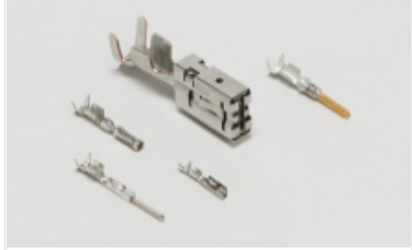
Also in the Series | AMP Superseal 1.5mm Series



Automotive Connector Caps & Covers (2)



Automotive Housings(36)



Automotive Terminals(17)



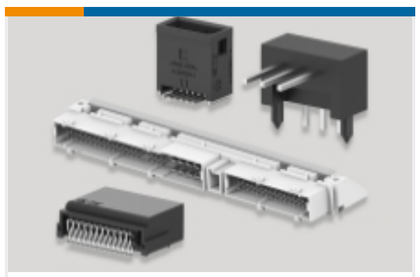
Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(3)

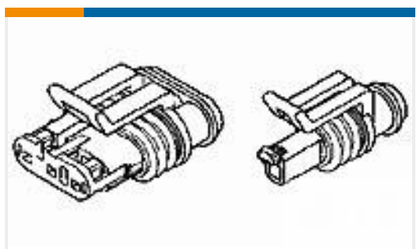


PCB Headers & Receptacles(2)

Customers Also Bought



TE Part # 963343-1
J-P-T GEH KOMPL 2P



TE Part # 282080-2
AMP SUPERSEAL 1.5 SERIES 2P PL



TE Part # 8-1879350-1
RR01 5% 470R AMMO



TE Part # 1897213-2
MCP 6.3 2P CAP HSG



TE Part # 281871-3
5MM PITCH TAB/RECPT CONN



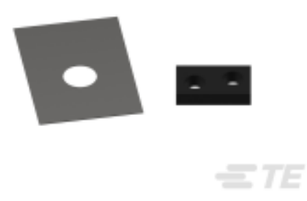
TE Part # 1803323-5
CRIMPER, WIRE, F PREMIUM



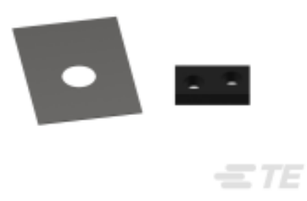
TE Part # 2272162-1
MCON WIRE DRESS, 4P, STRAIGHT



TE Part # 5-1618388-6
LEV200A6ANA=RELAY, SPST-NO



TE Part # 455888-1
SPACER, CRIMPER(010)



TE Part # 455888-8
SPACER, CRIMPER(040)

Documents

Product Drawings

AMP SUPERSEAL 1.5 SERIES 2P CA

English

CAD Files

Customer View Model

ENG_CVM_CVM_282104-3_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_282104-3_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282104-3_B1.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

AMP SUPERSEAL 1.5mm Connector System

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Product Specification

English

Instruction Sheets

AMP SUPERSEAL 1.5 SERIES

English

Customer Manual (non U.S.)

English